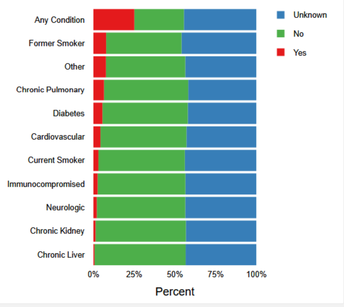
Cases are interviewed by public health to determine what potential medical risk factors they may have had prior to getting COVID-19. This is not a complete list of conditions and rates may change as public health collects more data and performs additional analysis. Examples of persons with compromised immune systems include those with cancer and transplant patients who are taking certain immunosuppressive drugs, persons with HIV/AIDS, and those with inherited diseases that affect the immune system. Examples of persons with chronic pulmonary conditions include those with uncontrolled asthma or COPD.

Pre-Existing Conditions of All Cases

Pre-Existing Condition	Yes	No	Unknown	Percent with Condition, Excluding Unknowns
Any Condition	1598	1936	2828	45.2%
Former Smoker	498	2943	2921	14.5%
Other	491	3096	2775	13.7%
Chronic Pulmonary	415	3288	2659	11.2%
Diabetes	353	3334	2675	9.6%
Cardiovascular	276	3357	2729	7.6%
Current Smoker	197	3373	2792	5.5%
Immunocompromised	166	3426	2770	4.6%
Neurologic	134	3453	2775	3.7%
Chronic Kidney	84	3526	2752	2.3%
Chronic Liver	44	3558	2760	1.2%

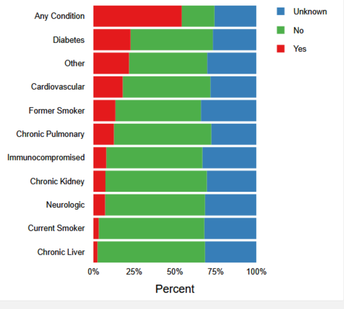
Pre-Existing Conditions of All Cases (tooltip shows the percent among all cases, including unknowns)



Pre-Existing Conditions of Hospitalized Cases

Pre-Existing Condition	Yes	No	Unknown	Percent with Condition, Excluding Unknowns
Any Condition	280	104	133	72.9%
Diabetes	118	261	138	31.1%
Other	113	248	156	31.3%
Cardiovascular	93	278	146	25.1%
Former Smoker	70	271	176	20.5%
Chronic Pulmonary	65	309	143	17.4%
Immunocompromised	41	305	171	11.8%
Chronic Kidney	38	322	157	10.6%
Neurologic	37	317	163	10.5%
Current Smoker	17	335	165	4.8%
Chronic Liver	13	341	163	3.7%

Pre-Existing Conditions of Hospitalized Cases (tooltip shows the percent among all cases, including unknowns)

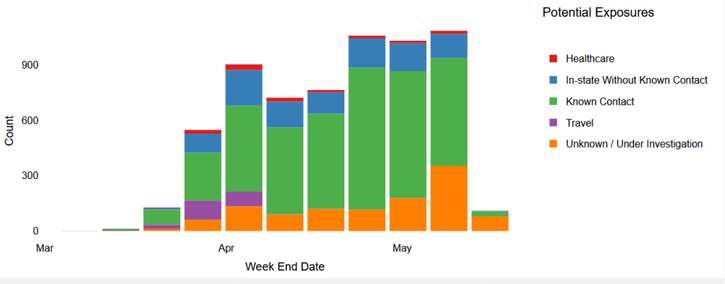


Potential Exposures

Exposures are determined through LHD and UDOH case investigations. Each case is mapped to a single "primary exposure". Please note that some cases have multiple potential exposures, so cases are mapped to exposures in the following order: 1) Known close contact to a confirmed case, 2) Travel in the past 14 days, 3) Healthcare (either through being a healthcare worker, patient, or visitor in a healthcare setting), 4) In-state transmission with no known contacts, 5) Under investigation. In-state transmission with no known contacts is defined as a patient with no known out of state travel, close contacts, or healthcare exposures. These exposures are commonly referred to as community spread or community transmission.

Known exposures are further broken down by type (green pie chart). "Social" refers to exposures between friends and acquaintances; "Other" refers to known contact with a lab confirmed case outside of home, work, and social settings; "Unspecified" is known contact to a confirmed case but without enough information to determine the setting of that exposure. Exposure categories are not all encompassing and may change as public health collects more data and updates analysis.

Primary Exposures by Week



Primary Investigated Exposures

Exposure	Count	Percent
Healthcare	131	2.1%
In-state Without Known Contact	1006	15.8%
Known Contact	3868	60.8%
Travel	213	3.3%
Unknown / Under Investigation	1144	18%

Type of Known Contact

Known Contact Type	Count	Percent
Household	2284	59%
Other	25	0.6%
Social	957	24.7%
Unspecified	415	10.7%
Workplace	187	4.8%

Type of Known Contact